



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Edwards et al.

Application No: **09/671,817**

Filed: September 27, 2000

For: ~~Methods for Determining the~~  
*Biochemical And Biophysical  
Properties of Proteins*

Examiner: Sheinberg, M.B.

Art Unit: 1631

Attorney Docket No.: IPT-002.01

#13  
BP  
4-16-03

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on: **April 3, 2003.**

  
Kerry Richard

Commissioner for Patents  
Washington, DC 20231

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR § 1.97 (c)**

Sir:

Pursuant to 37 C.F.R. §1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents listed on the attached Form PTO-1449. A copy of each listed reference is also being submitted herewith. In accordance with 37 C.F.R. §1.97(c)(2) this Information Disclosure Statement is being submitted before the close of prosecution in this application. The Commissioner is hereby requested to charge the fee of \$180.00 as set forth in §1.17(p) to our **Deposit Account No. 06-1448, Reference IPT-2.01.**

Applicants have cited for the Examiner's consideration certain issued U.S. patents and co-pending U.S. patent applications that are owned at least in part by the assignee of this application, that describe subject matter related to the present invention. The co-pending applications are listed herewith in accordance with M.P.E.P. 609.111 D-2003-001111 00000004 061448 09671817  
04/16/2003  
180.00 CH  
01 FC-1006  
Applicants may wish to list U. S. patent application numbers on other than form PTO-1449 or PTO/SB/08A and 08B format to avoid the application numbers of pending applications being published on the

patent. If a citation is not printed on the patent but has been considered by the examiner in accordance with this section, the patented file will reflect that fact as noted in subsection III.C(2) above.”

No copies of the co-pending applications have been provided. If the Examiner wishes to have copies of the co-pending applications, Examiner should contact the Attorney of record.

Our Docket No.	S.N.	Filing Date	Title
IPT-002.02	09/965,654	09/27/01	Protein Data Analysis

Applicants have listed dates of publication on the attached PTO-1449 for the cited documents based on information presently available to the undersigned. However, the listed publication dates should not be construed that the information in the cited documents was actually published or otherwise publicly available on the date indicated.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form 1449.

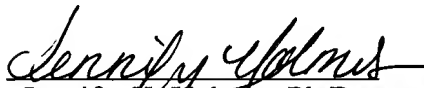
This submission does not represent that a search has been made or that no better art exists. Nor does it constitute an admission that each or all of the listed documents are material or constitute “prior art.” Further, if the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute “prior art” under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Moreover, the Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

The Commissioner is authorized to credit any overpayment or charge any deficiencies to/from our **Deposit Account No. 06-1448**.

Should there be any questions after reviewing this paper, the Examiner is invited to contact the undersigned at (617) 832-1000.

Respectfully Submitted,

Date: April 3, 2003



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Patent Group

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Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION</b> IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional) IPT-002.01 (23298-201)		Application Number 09/671,817
	Applicant Edwards et al.		
	Filing Date September 27, 2000		Group Art Unit 1631

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AD	US 6,368,402 B2	04/09/02	DeTitta et al.	117	68	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

AE	Chen et al.; "Data Mining: An Overview from Database Perspective", Trans. On Knowledge and Data Engineering, Online 1996, XP002231171 ; retrieved from the internet on February 14, 2003, URL: <a href="http://citeseer.nj.nec.com/cache/papers/cs/1455">http://citeseer.nj.nec.com/cache/papers/cs/1455</a>
AF	Kim et al.; "Identification of Novel Multi-transmembrane Proteins from Genomic Databases Using Quasi-Periodic Structural Properties", Bioinformatics, 16(9): 767-775, (2000)
AG	King et al.; "Comparison of Artificial Intelligence Methods for Modeling Pharmaceutical QSARS", Applied Artificial Intelligence 9: 213-233, (1995)
AH	Ladunga Istvan, "Physean: Physical Sequence analysis for the Identification of Protein Domains on the Basis of Physical and Chemical Properties of amino Acids", Bioinformatics, 15(12): 1028-1038, (1999)
AI	Muggleton Stephen, "Declarative Knowledge Discovery in Industrial Databases", Proceeding of the First International Conference and Exhibition on the Practical, Online 1997, XP 002231172, retrieved from the internet on February 14, 2002, URL: <a href="http://citeseer.nj.nec.com/cache/papers/cs/2653">http://citeseer.nj.nec.com/cache/papers/cs/2653</a>
AJ	International Search Report Completed on February 14, 2003 and Mailed on February 28, 2003
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE